

BOROUGH OF CHELMSFORD

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDED 31st DECEMBER, 1942.

Including the Reports of :-

The Chief Sanitary Inspector

and

Veterinary Inspector.

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J. MERVYN THOMAS, M.D., B.Sc., D.P.H.

Medical Officer of Health.

School Medical Officer.

Medical Officer - Maternity & Child Welfare.

Medical Superintendent - Joint Isolation Hospital.

Medical Officer - Casualty Services - A.R.P.

R.W. WYNN. C.R.S.I. M.S.I.A.

Chief Sanitary Inspector.

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BOROUGH OF CHELMSFORD
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PUBLIC HEALTH OFFICERS OF THE BOROUGH
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MEDICAL OFFICER OF HEALTH :

J. MERVYN THOMAS, M.D., B.Sc., D.P.H.

CHIEF SANITARY INSPECTOR:

R.F. WYNN, C.R.S.I. M.S.I.A.

SECOND SANITARY INSPECTOR:

E.A. SELLAR, M.R.S.I. M.S.I.A.

HEALTH VISITORS:

Miss E.E. Glascodine,	S.R.N.	S.C.M.	H.V. Cert.	
Miss M. Jenkins,	S.R.N.	S.C.M.	H.V. Cert.	(Resigned Oct:1942)
Miss E.E. Wilden	"	"	"	" " "
Miss C.M. Smith	"	"	"	{ Apptd: 30th Nov:1942 }
Miss I.M. Perrin,	"	"	"	" " " "

DENTAL SURGEON :

FRANCIS V. MAGUIRE, L.D.S., R.C.S., (Eng:)

CHIEF CLERK :

T.W. BUNTER. M.R.S.I.

CLERKS

	G.H.D. BROWN.	(In H.M. Forces.)
	D.G. RUMSEY.	"
	Miss M. PORTER.	Temporary.
	L.F. ALDER.	" Apptd. August, 1942
Sanitary Inspectors	- S.V. EDWARDS	(In H.M. Forces)
Department	- R. ROOTS. Tempy:	"
	Mrs. E.J. PHILLIPS. Tempy:	Apptd: August, 1942.

DENTAL ATTENDANT :

Miss R.I. LEEKS.

VETERINARY INSPECTOR :

LIEUT:- COL. W.W. MULVEY, O.B.E., T.D., F.R.C.V.S.

BOROUGH OF CHELMSFORD
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Public Health Department,
Coval Lane,
CHELMSFORD.

August, 1943.

To the Mayor, Aldermen and Councillors
of the Borough of Chelmsford.

Mr. Mayor and Gentlemen,

To comply with the requirements
of the Ministry of Health Circular 2773 the following
Statistical Review for the Year 1942 is appended. A
short outline of the main features before the department
during the year is given.

I have the honour to be,

Your obedient Servant,

J. MERVYN THOMAS.

Medical Officer of Health.

HEALTH SERVICES. Observations.

In presenting this my 4th Annual Report as Medical Officer of Health on the health of Chelmsford (which happens to coincide with the 4th year of war) I am indeed happy to say that not only has the health of the Borough been maintained at a high level but that it has also been possible to make some noticeable improvements and advancements in the Services offered by my department. This reflects considerable credit on the staff who have remained the same in number but whose enthusiasm none the less has remained high. In no small measure are the results recorded here due to the part played by the Chelmsford parents who are beginning to show the keenness for the health of their children which we are ever out to foster, and who are realising that the Clinic can offer useful advice in many divers problems connected with health and social service. They are also realising that the Health Visitors are not the nurses of olden days but all round experienced personnel coming into the homes as friends and advisors and not merely fulfilling a Statutory duty. Alas, there is only one Clinic for the whole Town and many of the benefits of the service are out of reach of many citizens while further curtailment by the needs of the times is inevitable.

The more striking figures which I now append must need no comment from me except to say that last year I drew attention to the somewhat high Infant Mortality. This year it is 32.25 per 1000 which is a marked improvement over 42.54 for 1941 and 49.00 per 1000 for the whole of England and Wales in 1942.

	1941	1942
Birth Rate	14.14	15.67
Rate per 1000 total Still Births	44.7	20.44
Death Rate per 1000	10.7	10.62
Death Rate Infants under 1 year	42.54	32.35
" " " Legitimate	40.42	30.36
" " " Illegitimate	45.45	71.42.
Death from Puerperal Sepsis	Nil	Nil
" " Whooping Cough	2	Nil
" " Measles	1	Nil
" " Diarrhoea	Nil	Nil
" " Diphtheria	Nil	Nil
" " Typhoid	Nil	Nil

The attendances at the Ante-Natal and Post-Natal Clinic have continued to rise again during the year under review but the attendances of Children at the Infant Welfare Clinics are slightly less due to the absence of the both Health Visitors at the end of the year, and also to the fact that Miss Jenkins was seconded from Health Visiting duties early in the year to help organise the Nurseries. These last reasons also account for the decreased number of visits paid by the Health Visitors.

The Dental Department has increased its examinations and work, and this shows that the pre-school child is more and more coming under dental supervision. Conservative work in the early years is of paramount importance.

Less cases were admitted to the St. John's Hospital for confinement than in the preceding year. There were two maternal deaths recorded during the year. They were accidents of child birth not due to puerperal causes and not preventable by ante-natal supervision. They were accidents after delivery had been completed.

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War-Time Nurseries.

During the year three war-time nurseries came into being.
 Corporation Road opened - 1st August, 1942.
 London Road " - 31st " "
 Waterloo Lane " - 28th September, 1942.

All three were opened by the Mayor (Councillor S.C. Taylor). For this purpose uniform buildings were erected and each is staffed by a Trained Matron, Deputy Matron, Warden, Nursery Nurses, Probation and Cook, while Trained Teachers take care of the toddlers. The equipment was obtained after some difficulty and the help of many volunteers, e.g. the W.V.S., B.R.C.S., and S.J.A.B., etc was willingly given. Toys and the interior decorations were supplied and made by the Essex Home School (permission Mr. Fish) and our own Senior Boys and Girls' Schools (permission by Headmasters and Headmistresses), while the Technical School under Mr. Halliday and Mr. Archer, and Miss V. Berkeley (one of the probationers) supplied the colourful interior scenery.

Each Nursery is a complete unit and all three are affiliated to the National Society of Children's Day Nurseries as training centres for probationers of over 16 years. Every child gets careful attention by the staff during the hours it is there, and the nurseries open from 7 a.m. to 7 p.m. A complete medical record is kept of the progress made.

The following Circulars were issued during the Year:-

- | | | |
|----|---|--|
| a. | Ministry of Health Circular 2515 | - Government Evacuation Scheme |
| b. | do | & Board of Education 2535 & 1573. Private arrangements for the care of children - Child Minders. |
| c. | do | Circ: 2604 Annual Reports of Medical Officers of Health, 1941. |
| d. | do | " 2627 Diphtheria Prophylaxis. |
| e. | do | " 2648 Public Health (Tuberculosis) Regs: 1942. |
| f. | do Memorandum | 2646 War-Time Nursery Staff. |
| g. | do | 2712 Diphtheria Immunisation. |
| h. | do | 2712 Supply of Transfusion Fluids in Maternity Cases. |
| i. | Letter from the County Medical Officer, Essex, Whooping Cough Prophylaxis. | |
| j. | " " " " " " | " Re Women's Welfare Clinics. |
| k. | Letter from the Ministry of Health - Convalescent Home for Maternity Cases. | |

Finally, in presenting this clean bill of health for the Town I would like to put on record my grateful thanks to the members of my staff appended at the beginning, who as in previous years make the Report possible and whose duties in the Casualty Services are not recorded here. Further, the voluntary help given at the Welfare Clinics by Mrs. Polkinghorne, Mrs. Johnson, Mrs. Gozzett and Mrs. Stonard, has been invaluable and contributed to the smooth running of the administration. The printing and presentation of the whole is again in the hands of my Chief Clerk, Mr. T.W. Bunter.

J. MERVYN THOMAS.
 Medical Officer of Health.

STATISTICS & SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	4,755
Population - Registrar-General's estimate of resident population, mid-year, 1942.	33,610 Omitted.
Number of inhabited houses (end of 1942) according to rate books	Omitted.
Rateable Value (1st April, 1942)	£ 342,093
Sum represented by a Penny Rate Year ending 31st March, 1942.	£ 1,390

EXTRACTS FROM VITAL STATISTICS.

BIRTHS.

	Total	Male	Female	Birth rate per 1,000 of the estimated resident population, mid-1942.
Live Births (Legitimate)	513	273	240	15.67
(Illegitimate)	14	7	7	
Totals	527	280	247	
Still Births (Legitimate)	11	3	8	Rate per 1,000 total (live and still) births: - 20.44
(Illegitimate)	-	-	-	
	11	3	8	

DEATHS.

	Total	Male	Females	Death rate per 1,000 of the estimated resident population: -
All Causes	357	174	183	10.62

Deaths from Puerperal Causes: -

Puerperal Spesis	..	Nil	Rate per 1,000 total (live & still births)
Other Puerperal Causes	..	Nil	

Death Rate of Infants under one year of age: -

All Infants per 1,000 live births	..	32.35
Legitimate Infants per 1,000 legitimate live births	..	30.36
Illegitimate Infants per 1,000 illegitimate live births	..	71.42

Deaths from Cancer (all ages)	...	53
" " Measles	...	Nil
" " Whooping Cough (all ages)	...	Nil
" " Diarrhoea, &c. (under 2 years of age)	...	Nil

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1942.

(Provisional figures based on Weekly & Quarterly Returns)

	England & Wales	126 County Borough & Great Towns including London.	148 Smaller Towns (Resident Pop: 25,000 to 50,000 at 1931 Census)	London Admin. City:
Rates per 1,000 Civilian Population:-				
Births:-				
Live	15.3	17.3	18.4	14.9
Still	0.54	0.66	0.62	0.48
Deaths:-				
All Causes	11.6	13.3	12.1	13.9
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.03	0.02	0.04
Diphtheria	0.05	0.06	0.04	0.02
Influenza	0.09	0.09	0.10	0.07
Smallpox	-	-	-	-
Measles	0.01	0.02	0.01	0.01
Notifications:-				
Enteric	0.01	0.01	0.01	0.02
Paratyphoid Fever	0.01	0.01	0.01	0.01
Cerebro Spinal Fever	0.14	0.17	0.12	0.15
Scarlet Fever	2.19	2.49	2.34	1.86
Whooping Cough	1.73	1.97	1.58	2.72
Diphtheria	1.05	1.35	0.91	0.76
Erysipelas	0.30	0.36	0.26	0.43
Smallpox	0.00	0.00	-	0.00
Measles	7.46	9.27	7.39	8.62
Pneumonia	1.07	1.30	0.94	0.94
Rates per 1,000 Live Births:-				
Deaths under 1 year of age	49	59	46	60
Deaths from Diarrhoea				
Enteritis under 2 years of age	5.2	7.5	4.8	8.6
Rates per 1,000 total Births (Live & Still)				
Maternal Mortality (Excluding Abortion)				
Puerperal Infection (No. 147)	0.42	} Not available		
Others	1.59			
Total	2.01			
Notifications				
Puerperal Fever	12.61	15.94	10.80	3.10
Pyrexia				17.69

DEATHS

8.

DEATHS AT VARIOUS AGES DURING THE YEAR - 1942.

1	1 - 4	2 - 5	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75 +
17	1	2	5	7	18	25	38	62	70	112

DEATHS FROM ALL CAUSES-1942.

Causes of Death	Males	Females	TOTAL
Typhoid and Paratyphoid Fevers	-	-	-
Measles	-	-	-
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	-	-	-
Influenza	-	-	-
Cerebro-spinal Fever	2	-	2
Tuberculosis of the Respiratory System	10	7	17
Other Tuberculous Diseases	-	1	1
Syphilitic Diseases	2	-	2
Cancer of b.cav. & oesoph:(M)uterus(F)	3	1	4
Cancer of Stomach & duodenum	3	3	6
Cancer of other sites	15	20	35
Cancer of Breast	-	8	8
Diabetes	1	-	1
Intra Cran:Vasc: Lesions	16	18	34
Heart Disease	37	36	73
Other Circulatory Diseases	5	1	6
Gonorrhea	6	7	13
Pneumonia	10	8	18
Other Respiratory Diseases	8	2	10
Ulcer of Stomach or Duodenum	2	2	4
Diarrhoea etc (under 2 years of age)	-	-	-
Appendicitis	1	1	2
Other Digestive Diseases	6	7	13
Nephritis	-	5	5
Septicæmia & Post-abortion:Sepsis	-	-	-
Other Maternal Causes	-	2	2
Conjugal: birth inj:infant:dis.	2	4	6
Premature birth	2	1	3
Subicide	4	2	6
Other Violent causes	17	7	24
Road traffic Act.	2	3	5
All other causes	20	36	56
Poliomyelitis	-	-	-
Inf:encephalitis	-	1	1
TOTALS	174	183	357

GENERAL PROVISION OF HEALTH SERVICES:-

Public Health Officers of the Authority. - See page 2.

NURSING IN THE HOME:-

General. ~~There are four District Nurses~~ practising in the Borough.

LABORATORY FACILITIES:-

Pathological and Bacteriological examinations and analysis of water, milk, food etc, are made by the Essex County Public Health Laboratories.

LEGISLATION IN FORCE:-

Ministry of Health Circulars and amendments received during the year have been mentioned.

HOSPITALS:-

Chelmsford & Essex Hospital and Dispensary
(Voluntary).

List of Clinics:- Chelmsford & Essex Hospital :-

MONDAY.

Mr. Harris	Orthopaedic	9-30. a.m.
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TUESDAY.

Mr. Sheppard	General Surgery	9-30. a.m.
+ Ante-Natal		2.0. p.m.
Mr. Henry	Ear, Nose & Throat	3.0. p.m.

WEDNESDAY.

Dental		9.0. a.m.
+ Tuberculosis		10. a.m.
+ Dr. Duncan	2nd, 4th and 5th	1.30. p.m.

THURSDAY.

Dr. Camps	Diabetic Cases	10. a.m.
Mr. Sheppard	Uro-genitary	9.30. a.m.
+ V.D.		5. p.m.

FRIDAY.

Mr. Harris	General Surgery	10. a.m.
+ Dr. Alford	V.D.	11. a.m.
Dr. Corner	Ophthalmic	1.30. p.m.

SATURDAY.

Dr. Camps	Medical	9.30. a.m.
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Patients will not be seen at the above Clinics except by appointment.
(Clinics marked with an asterisk do not require appointments).

HOSPITALS:-

St: John's Hospital. Controlled by the Essex County Council.

The Chelmsford Joint Isolation Hospital.

AMBULANCE FACILITIES.

(a) For Infectious Cases. A Motor ambulance is maintained by the Chelmsford Joint Hospital Board for conveyance of patients. In addition an older motor ambulance is in use for carrying articles for disinfection and disinfection to and from the hospital.

(b) For Non-infectious and Accident cases, and

(c) For Maternity Patients.

These cases are dealt with by the S.J.A.B. and B.R.C. Society under agreement with the Town Council at an inclusive cost of £350 per annum for the year 1942.

The number of cases dealt with in 1942, and the mileage covered by the ambulance are as follows:-

39 Accidents	162 Miles
659 Removals	3550 Miles
698	3712 Miles
=====	=====

This scheme automatically solves the problem of co-ordination of ambulance services with neighbouring authorities. The St: John's and British Red Cross ambulance are, of course, not restricted to the Borough. They also serve the surrounding district.

SMALLPOX

Arrangements as in previous years.

MATERNITY.

Our arrangements for the institutional treatment at St: John's Hospital, Wood St, of cases of complications arising during pregnancy or confinement, and for cases where the home environment is unsatisfactory, remains as before, except that the charge for maintenance and treatment has been raised from 6/- to 11/8d per day.

153 Borough Cases were admitted to St: John's Hospital for confinement during the year.

MATERNITY & CHILD WELFARECLINIC AND TREATMENT CENTRES:-

These are as set out in the Table on Page 14.

ATTENDANCES AT INFANT WELFARE CENTRES:-

	1940	1941	1942
Children under 1 year ..	3182	3053	4613
Children between 1 and 5 years ..	2248	4032	2043
	-----	-----	-----
Total ..	5430	7085	6656
	=====	=====	=====

Number who attended for the first time during the year:-

Children under 1 year	231	382	446
Children between 1 and 5 years	204	434	391
	-----	-----	-----
Total ..	435	816	837
	===	===	===

ANTE - NATAL CLINIC :-

Attendances	148	167	170
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POST - NATAL CLINIC :-

Attendances	5	6	17
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The Ante-Natal and Post-Natal Clinics are held on the first and third Wednesday's in each month. Mothers are encouraged to attend 6 weeks or so after confinement for post-natal examination.

In addition, married women, where pregnancy would endanger health, are on their request, given instruction in Birth Control.

MILK.

The Maternity and Child Welfare Committee have instituted a Scheme to supplement feeding in necessitous and difficult cases on the recommendation of the Medical Officer.

MUNICIPAL MIDWIVES.

		Tel No.
1. Ritchie. Mrs.M.E.	79, Springfield Park Av:	3815
2. Illingworth. Mrs.E.	40, Kings Road	3817
3. Miller. Miss E.A.	"Lonicera", St.Mildreds Rd.	3816
4. Westlake. Miss I.G.	"Hemingway", 65, First Av.	3814
5. Wilkins. Miss M.A.	50 Bruce Grove.	2428

There are 5 other Certified Midwives in practice in the area and 1 Registered Nursing Home:- St.John's Nursing Home, Broomfield Road.

INSPECTION OF NURSING HOMES, ETC.

Inspections are carried out by the Essex County Council, which is the Local Supervising Authority.

DENTAL SERVICE.

PUBLIC CLEANSING.

Dental treatment for expectant and nursing mothers and children under five years of age has been carried out during the year, and the following is a summary of the work done:-

No. of attendances made by patients	796
No. of patients treated	537
Fillings:-	
Permanent teeth	71
Temporary	111
Extractions:-	
Permanent teeth	181
Temporary	76

Other Operations:-	
Permanent teeth	263
Temporary	186
Extractions	67

PUBLIC HEALTH ACT, 1936. CHILD LIFE PROTECTION.

(a) Number of persons who were receiving children for reward at the end of the year	13
(b) Number of children on Register:-	
1. At the end of the year	20
2. Who died during the year	1
3. On whom inquests were held during the year	1
(c) Proceedings taken during the year:-	
1. Number of cases	Nil
2. Act and section under which the proceedings were taken	Nil

HEALTH VISITING.

The Health Visitors have made the following visits during the year:-

	1st Visits	Total Visits
To expectant mothers	147	229
To children under 1 year of age	555	2606
To children between the ages of 1 and 5 years	-	2711
Totals	702	5,546

INSTITUTIONAL PROVISION FOR :-

13

- (a) Unmarried Mothers. The only arrangement is that supplied by the Public Assistance Committee of the Essex County Council.

After the lying-in period, however, they may be helped by the Girls' Aid Society, who have a Hostel just outside the Borough.

- (b) Illegitimate Infants

- (c) Homeless Children

The Public Assistance Institution is available.

PREVENTION OF BLINDNESS.

No cases occurred requiring action under Section 176 of the Public Health Act, 1936.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

Detailed Reports from the Water Engineer and Analyst have been examined. The only arrangement is that samples taken from a variety of sources are reported upon as a "wholesome water, suitable for the purposes of public supply".

RIVERS AND STREAMS.

A close watch is kept on the rivers within the Borough, and all possible steps taken to prevent pollution.

PUBLIC CLEANSING.

There has been no alteration in the method of refuse collection and disposal during the year.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR ;

- | | | | |
|----|----------------------------|-------|-----|
| 1. | By the Local Authority | | Nil |
| 2. | By other Local Authority | | Nil |
| 3. | By other Bodies or Persons | | 15 |

CLINIC	ADDRESS	CONSULTATION & TREATMENT	SESSIONS	BY WHOM PROVIDED
Eye Clinic	do	do	When necessary & by appointment.	Local Authority
Dental Clinic	do	and treatment for Expectant & Nursing mothers & for Infants.	Daily by Appt: 3 Sessions per month by appointment.	do
Maternity & Child Welfare Clinic	do	Consultation etc.	Each Tues: & Thurs: 2 to 4-30.p.m.	do
Ante-Natal & Post Natal Clinic	do	do	1st & 3rd Weds: in each month - 2 to 4-40.p.m.	do
Orthopaedic Clinic	do	Consultation & Treatment	2nd, 3rd & 4th Mondays in each month at 1.30.p.m.	do
Aural Clinic	do	do	By arrangement with Specialist	& Essex County Council. Joint.
Tuberculosis Dispensary	Chelmsford & Essex Hospital, London Rd. Broomfield Hosp: E.C.C.	do	Weds: 10.a.m. to Noon. " 10 to 11.30.a.m.	Essex County Council
Ante-Natal Clinic	Chelmsford & Essex Hospital.	Consultation for Chelmsford District cases only. Not for Borough cases.	Tuesdays at 2.p.m.	do
Veneral Diseases Clinic	do	Consultation & Treatment	Males-Thurs: at 4-45.p.m. to 6-45.p.m. Females- " do Males-Fridays: 11-12 Noon. Females- " do	do
Birth Control Clinic	5, Market Rd. Chelmsford.	Consultation etc. Borough and County Cases.	4th Friday in each month at 10.a.m.	do
War-Time Nurseries	1. Corporation Road. 2. London Road. 3. Waterloo Lane.	For children 0 to 5 years of age of War-Time Workers.	Daily: - Monday to Friday 7 to 7.p.m. Sats: - 7.a.m. to Noon.	Local Authority.

CASES TREATED IN ISOLATION HOSPITAL.

MONTH	Scarlet Fever	Diphtheria	Erysipelas	Measles	Mumps	Whooping Cough	Meningitis	Pneumonia	Chicken Pox	Scabies	Impetigo	Other Diseases	TOTAL
January	1				3	3	1		1	3			12
February			2		5	1			1		1	4	14
March	3			1	2		2		3	2	1	5	19
April	4				1		1	1	1				8
May	24		1			1						1	27
June	12		1									1	14
July	10			2				1	4			4	21
August	14		1		1				1		1	2	20
September	4	1			1				1		1	1	9
October	14			3			1				1	1	20
November	16										2	3	21
December	7				1		1					3	12
TOTALS (Patients) remaining from 1941)	108	2	5	6	14	5	6	2	12	5	7	25	197
		1			1	1					1		4
Total No. patients treated during 1942	108	3	5	6	15	6	6	2	12	5	8	25	201
Discharged during the year	102	3	5	6	15	5	4	2	12	5	8	20	187
Deaths						1	3					3	6
Patients remaining on December 31st, 1942.	6											2	8

Of the 197 patients admitted during the year 89 came from the Borough of Chelmsford, 63 from the Chelmsford Rural District, 41 from Ongar, 1 from Epping, and 3 from Dunmow.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1942.

DISEASE	Total Cases	Under 1 Year	Cases										Over 65	Cases Admitted to Hosp.	Total Deaths	Total Cases notified in each Ward			
			1	2	3	4	5	10	15	20	35	45				NORTH	SOUTH	EAST	WEST
SCARLET FEVER	70	-	-	3	3	3	4	17	1	1	-	1	-	36	-	20	23	12	15
PUERPERAL PYREXIA	4	-	-	-	-	-	-	-	-	2	2	-	-	2	-	1	1	-	2
MEASLES	149	6	10	16	10	14	81	9	2	-	1	-	-	-	-	30	72	17	30
PNEUMONIA	14	-	1	-	1	1	1	1	1	4	2	-	2	1	-	6	4	2	2
WHOOPING COUGH	40	2	3	10	7	4	14	-	-	-	-	-	-	-	-	8	13	7	12
ERYSIPELAS	10	-	-	-	-	-	1	-	-	4	2	1	2	-	-	4	4	1	1
CEREBRO-SPINAL FEVER	3	-	-	1	-	-	-	1	1	-	-	-	-	2	2	1	2	-	-
CHICKEN POX	4	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	2	2	-
ABORTUS FEVER	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
TOTALS	295	8	14	30	21	22	141	29	5	12	7	2	4	41	2	70	122	41	62

New Cases and Mortality during 1942.

	New Cases .				Deaths:			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	-	-	-	-	-	-	-	-
1 to 5 years	-	-	1	3	-	-	-	-
5 to 15 years	2	2	7	4	-	-	-	-
15 to 25 years	5	5	5	4	-	2	-	1
25 to 35 years	2	5	-	-	-	-	-	-
35 to 45 years	7	1	-	-	-	1	-	-
45 to 55 years	3	-	-	-	1	-	-	-
55 to 65 years	3	-	-	-	-	-	-	-
Over 65 years	-	-	-	-	2	-	-	-
Totals	22	13	13	11	3	3	-	1

Non-notified Tuberculosis Deaths.....11.
 Total Tuberculosis Deaths 18.

PUBLIC HEALTH(TUBERCULOSIS)REGULATIONS 1930.

Statement of Particulars of Cases of Tuberculosis, compiled from the Register for the year ended 31st December, 1942.

	Pulmonary			Non-Pulmonary			Pulmonary & Non-Pulmonary TOTAL
	Males	Female	Total	Males	Female	Total	
No. of cases on the Register on the 1st Jan: 1942.	90	56	146	36	33	69	215
No. of cases Notified under the Regulations for the 1st time during the year	21	10	31	8	15	23	54
No. of cases added to Register during the year which have been brought to my notice otherwise than by notification	-	-	-	-	-	-	-
No. of cases removed from the Register during the year	4	4	8	-	1	1	9
No. of cases remaining on the Register on 31st December, 1942.	107	62	169	44	47	91	260

OPHTHALMIC NEONATORUM.

CASES.	TREATED.		Vision unimpaired	Vision Impaired	Total Blindness	Deaths
	At Home.	Hospital.				
Notified.	Nil	Nil	Nil	Nil	Nil	Nil

INSPECTIONS OF DWELLING HOUSES DURING THE YEAR.

(1) (a)	Total number of dwelling houses inspected for housing defects:-								
	Public Health Act	..	..	..	..	..	..	470	552
	Housing Act	..	..	..	..	..	..	82	
(b)	Number of Inspections made for the purpose:-								
	Public Health Act	..	..	..	..	..	..	654	804
	Housing Act	..	..	..	..	..	..	150	
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Amendment Regulations	..	..	..	..	..	..	N11	
(b)	Number of Inspections made for the purpose	..	..	..	..	..	..	N11	
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	..	..	..	..	..	..	Suspended	
(4)	Number of dwelling houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation:-								
	Public Health Act..	..	..	..	..	..	..	101	124
	Housing Act	..	..	..	..	..	..	23	

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority's Officers:-

Public Health Act..	..	..	..	..	..	..	61	85
Housing Act	..	..	..	..	..	..	24	

ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	..	..	..	..	..	N11
(2)	Number of dwelling houses which were rendered fit after service of formal notices:-						
(a)	By owners	..	..	..	..	..	N11
(b)	By the Local Authority in default of owners.	..	..	..	..	..	N11

B. Proceedings under Public Health Acts.

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	..	..	..	..	..	5
(2)	Number of dwelling houses in which defects were remedied after service of formal notices:-						
(a)	By owners	..	..	..	..	..	5
(b)	By the Local Authority in default of the owner	..	..	..	..	..	N11

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1)	Number of dwelling houses in respect of which demolition orders were made	..	..	..	..	..	N11
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	..	..	..	..	..	N11

D. Proceedings under Section 12 of the Housing Act, 1936.

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	..	..	..	..	..	N11
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	..	..	..	..	..	N11

Public Health Department,
Coval Lane,
Chelmsford.

July, 1943.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH
OF CHELMSFORD.

Mayor, Gentlemen,

I have the honour of presenting the following brief report on the work carried out during 1942.

Summary of work carried out as a result of
Notices served or Recommendations made.

<u>Building Act, 1936.</u>							
Informal notices issued ..	..	..	..	..	..	..	23
" " complied with ..	..	..	..	..	..	..	24
<u>Public Health Act, 1936.</u>							
Informal notices issued ..	..	..	..	..	..	..	101
" " complied with ..	..	..	..	..	..	..	61
Statutory notices issued ..	..	..	..	..	..	..	5
" " complied with ..	..	..	..	..	..	..	5
<u>Food and Drugs Act, 1938.</u>							
Informal Notices issued ..	..	..	..	..	..	..	10
" " complied with ..	..	..	..	..	..	..	7
<u>Factories Act, 1937.</u>							
Informal notices issued ..	..	..	..	..	..	..	11
" " complied with ..	..	..	..	..	..	..	9
<u>Rats and Mice Destruction Act.</u>							
Informal notices issued ..	..	..	..	..	..	..	22
" " complied with ..	..	..	..	..	..	..	22
<u>Work carried out:-</u>							
Flats reconditioned ..	..	..	..	..	..	..	5
Staircases repaired or renewed ..	..	..	..	..	..	..	38
Floors and woodwork repaired ..	..	..	..	..	..	..	2
Walls, ceilings and plasterwork repaired ..	..	..	..	..	..	..	7
Windows repaired or enlarged ..	..	..	..	..	..	..	12
Records renewed ..	..	..	..	..	..	..	61
Doors repaired or renewed ..	..	..	..	..	..	..	9
Stairs repaired, handrails provided ..	..	..	..	..	..	..	5
Sanitary sinks abolished ..	..	..	..	..	..	..	4
Sinks provided and fixed ..	..	..	..	..	..	..	4
Effective sink, bath and wash basin waste pipes repaired or renewed ..	..	..	..	..	..	..	13
Roofs, eaves gutters and chimneys repaired ..	..	..	..	..	..	..	41
Boilers repaired or renewed ..	..	..	..	..	..	..	1
Roof repairs or renewals ..	..	..	..	..	..	..	72
Flues re-drained ..	..	..	..	..	..	..	2
Flues repaired ..	..	..	..	..	..	..	21
Drain pavings provided or repaired ..	..	..	..	..	..	..	5
External brickwork repaired ..	..	..	..	..	..	..	31
Water supplies improved ..	..	..	..	..	..	..	21
Drainage bins provided ..	..	..	..	..	..	..	36
Drainage remedied ..	..	..	..	..	..	..	14
Accumulations of refuse removed ..	..	..	..	..	..	..	9
Infested houses disinfested ..	..	..	..	..	..	..	31
Infested articles disinfested ..	..	..	..	..	..	..	327
Flies fumigated following infectious disease ..	..	..	..	..	..	..	5
Woolly books fumigated following infectious disease ..	..	..	..	..	..	..	129
Flats and watercourses - pollution abated ..	..	..	..	..	..	..	4

The normal programme cannot be carried out during the present period of hostilities, but this work has been replaced to a great extent by inspections, schedules of condition, repairs and redecorations in respect of property requisitioned by the Billeting Officer. Particulars of inspections made under the provisions of this Act are given in the Medical Officer of Health's report on Page 18.

Following inspections have been recorded:-

Public Health Act, 1936.

Complaints have been investigated.

Inspections made at dwelling houses.

" " " in connection with offensive trade premises.

" " " " common lodging houses.

" " " " tents, vans and sheds.

" " " at offices.

" " " schools.

Inspections and enquiries made in connection with infectious disease.

Inspections made in connection with watercourse pollution.

" " " at the Corporation Swimming Bath.

" " " cat meat shops.

" " " flour mills.

" " " refuse dumps.

" " " lands, allotments and piggeries.

" " " Civil Defence and Fire Guard Posts.

Food and Drugs Act, 1934. (Sec. 10).

Inspections made at shops.

Food and Drugs Act, 1938.

Inspections made at butchers' shops.

" " " slaughterhouses.

" " " cafes, restaurants and hotels.

" " " dairies, milkshops and farms.

The following samples of milks were obtained, submitted for microbiological examination and all unsatisfactory samples have been removed:-

	<u>Samples taken.</u>		<u>Satisfactory.</u>		<u>Unsatisfactory.</u>
Milk.	1	..	-	..	1
Curried.	6	..	6	..	-
Condensed.	1	..	-	..	1
Cultures Tested.	15	..	13	..	2
Waxes.	3	..	3	..	-
Starch Test.	1	..	1	..	-

One sample of tinned meat and 1 sample chocolate powder were submitted for examination and found satisfactory.

Inspections made at bakehouses.

" " " food stores and food shops.

" " " food stalls on the Market.

The following food has been condemned and surrendered as unfit:-

4 - 6 lb. tins Tongue.	2 $\frac{1}{2}$ lbs. Lard.
83 - 6 lb. tins Luncheon Meat.	18 lbs. Bacon.
8 - 6 lb. tins Corned Beef.	107 lbs. Parsnips.
4 - 6 lb. tins Chopped Ham.	14 lbs. Sago.
2 lbs. Tongue.	15 lbs. Cherries.
$\frac{3}{4}$ lb. Chopped Ham.	658 lbs. Fish.
$\frac{1}{2}$ lb. Pork Luncheon Meat.	21 lbs. Lobsters.
21 tins Vegetables.	$\frac{1}{2}$ lb. Suet.
27 tins Fish.	14 lbs. Oatmeal.
54 tins Fruit.	4 $\frac{1}{2}$ lbs. Cake.
103 tins Meat (Various).	35 lbs. Tea.
68 lbs. Tinned Meat.	6 lbs. Toffee.
72 tins Milk.	21 $\frac{1}{2}$ cwts. Carrots.
2 tins Syrup.	7 pkts. Pudding Powders.
126 tins Soup.	46 pkts. Custard Powder.
114 tins Various.	12 lbs. Custard Powder.
33 $\frac{1}{2}$ lbs. Biscuits.	11 pkts. Sponge Mixture.
4 $\frac{1}{2}$ lbs. Haricot Beans.	1 pkt. Salt.
$\frac{1}{4}$ lb. Pearl Barley.	28 jars Pickles.
400 lbs. Apples.	4 jars Meat Extract.
62 lbs. Sausage.	40 jars Paste.
77 $\frac{1}{2}$ lbs. Cheese.	2 jars Jam.
58 $\frac{1}{2}$ lbs. Butter.	26 lbs. Jam.
67 lbs. Sugar.	3 botts. Tomato Sauce.
19 $\frac{1}{2}$ lbs. Pork.	4 botts. Coffee Essence.
25 lbs. Chocolate.	9 Pork Pies.
246 lbs. Potatoes.	22 $\frac{1}{2}$ doz. Puddings.
1 lb. Cocoa.	12 doz. Jelly Flans.
121 Canadian Eggs.	4 drums Pepper.

ats and Mice (Destruction) Act.

2 Inspections made at stores and shops.

actories Act, 1937.

2 Inspections made at factories and work places.

Petroleum Acts.

The situation of petroleum storage is controlled, for the time being, in conjunction with the requirements of the Military Authority.

I have the honour to be,

Mr. Mayor, Gentlemen,

Your obedient servant,

R.F. WYNN.

Chief Sanitary Inspector.

REPORT OF THE VETERINARY INSPECTOR 1942.

THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE BOROUGH OF CHELMSFORD.

r. Mayor, and Gentlemen,

I have much pleasure in submitting the following concentrated report in connection with my duties as Veterinary Inspector of the Borough during the year ending 31st. December, 1942.

The Contagious Diseases of Animals Acts are administered by the Divisional Veterinary Officer of the Ministry of Agriculture.

SLAUGHTERHOUSES.

The number of animals slaughtered in the Borough for human food during the year 1942 was approximately:-

	<u>1940</u>	<u>1941</u>	<u>1942</u>
Beasts	3,981	3,564	3,645
Sheep	17,751	13,501	9,488
Calves	8,374	6,495	4,187
Pigs	8,969	3,974	1,018

FOOD CONDEMNED AND SURRENDERED.

	<u>1939</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>
Sheep	4	50	22	10
Goats	10	73	24	9
Beasts	8	103	81	71
Cattle	273	784	439	481
Calves	141	573	384	409
Pigs	161	866	345	612
Condensed Livers	140	-	8 lbs.	-
Olives		30	9	10
Wills		2	2	17
Leens		44	19	26
Waders		4	16	66
Wicks		711	186	125
Wef		14,841½ lbs.	9,640 lbs.	11,467½ lbs.
Wineys		23	8	2
Wfal		7,682 lbs.	131 sets	6,795 lbs.
Wck		1,059	564 lbs.	533 lbs.
Wt Fat		1½ lbs.	630 "	156 "
Warts		99	15	34
Wagues		114	112	241
Wtton		221 "	172 "	155 "
Wobits		12	126	-
Wal			142 "	10 "
WURT		23	28	28
Wipe & Heels			1240 "	747 "
Wawn			63 "	-
Wined Beef			121 "	984 "
Wined Mutton			28 "	-
Wined Pork			-	78 "
Wekens			-	27
Wck			-	4
Wt			-	36

Both slaughterhouses, viz. Springfield Road and Coval have been visited twice every day, including Sundays and a very great many other times for emergency slaughtering.

The old slaughterhouses are only used for War Casualties on special occasions by permission of the Ministry. Cattle condemned under the Tuberculosis Order are sent to Harrison and Barber's slaughterhouse with the exception of any in very good condition. These are then examined by the Inspector of the Ministry of Agriculture who sent them - and by myself. Any portions of them that are quite free from disease are used for manufacturing purposes. All condemned meat is stained with blue and removed by Fred Knight & Sons (Soap Manufacturers) under contract.

The following glands are saved for the purpose of making drugs:-

- Pancreas
- {

Ox

Calf

Sheep

- Livers
- Testes
- Prostate
- Spleen
- Adrenals
- Thyroid
- Salivary Glands
- Brain
- Heart
- Intestines
- Stomach
- Bladder
- Uterus
- Vagina
- Penis
- Testis
- Prostate
- Spleen
- Adrenals
- Thyroid
- Salivary Glands
- Brain
- Heart
- Intestines
- Stomach
- Bladder
- Uterus
- Vagina
- Penis

No horses are slaughtered in the town for human food.

MARKET

The Corporation Market has been regularly attended on each Market Day and Fair Day, and all animals deposited or exposed for sale have been examined.

ANIMALS SENT OUT OF MARKET 1942.

- 6 Cows were sent out of the market and dealt with under the Tuberculosis Order.
- 4 Pigs died and after examination were sent to Harrison and Barbers.
- 8 Pigs were removed and dealt with under the Swine Fever Order.

ANIMALS EXPOSED FOR SALE IN

1939, 1940, 1941, 1942.

	1939	1940	1941	1942
Pigs	24,641	15,475	9,340	3,291
Cattle	16,190	4,195	10,786	12,632
Sheep	333	340	218	258
Goats	16,475	15,968	12,613	9,290
Swine	10,927	13,548	13,032	12,750
Beasts	430	653	1,650	751
Calves	1,002	303	391	573
Goats	6,535	1,953	1,463	1,049
Swine	14,582	6,682	13,032	9,404
Beasts	4,402	3,810	4,787	5,690
Calves	382	279	175	107
Goats	8,277	7,151	8,094	8,275
Swine	21	6	95	236
Beasts	656	628	862	809
Calves				25

There is a marked improvement in the quality of cattle exposed for Sale

The following figures may be of interest:-

	1939	1940	1941	1942
Cattle	78,546	69,710	68,311	64,835
Rabbits	1,188	4,603	20,686	32,473
Goats	8,879	9,318	3,355	150
Chicks	158,360	110,531	100,712	149,602
Total	4228,820	2885,926	560,825	38,490

Local Sales

3/3/43	Store Beast	120
17/3/43	" Pigs	120
24/3/43	" Beast	214
8/4/43	" Pigs	112
20/10/43	Cows 56 - Calves	11

28/10/43 Cows 51 Calves 6 Bulls 63
10/11/43 Store Beast 284
24/11/43 Bulls 63

I would again call your attention to the need of:-

- (1) Ringing of Bulls brought to the Market.
- (2) One-way traffic to do away with the great congestion.
- (3) Registration of Drovers.

orses

The two Horses at Manor Road are in good health and condition.

EWERAGE FARM The health of the animals has been generally good.

I have the honour to be,

Your Obedient Servant,

W.S. MULVEY, F.R.C.V.S.

Veterinary Inspector.

